

Specification Amendment

Please amend the specification by adding the following paragraph after paragraph 0007 and prior to SUMMARY OF INVENTION and paragraph 0008:

Means for determining locations of pipeline wall stress are well known in the relevant art and have been in use for at least 35 years. These means include various configurations of odometer wheels for determining locations of defects in a pipeline, as well as feature recognition by sensors in a pipeline pig that are able to detect pipeline characteristics, such as pipeline girth welds, weld spacing, valves, taps, and branch connectors that are often documented on pipeline maps. Odometer wheels of precisely known diameters are attached to a pig and roll on the inner pipe surface. The wheels may contain sensors, such as magnetic pulsers or optical encoders that produce data related to the wheel angular rotation. The data from these sensors and corresponding pipeline wall defect data are recorded by the pipeline pig. Subsequent playback of the data produces distance information (length of pipeline from launch point) correlated to the defect information. All inspection pig vendors use odometer wheels of similar design. The use of pipeline feature recognition and odometer wheels for distance measurement is common knowledge in the pipeline inspection business and all vendors have used these tools for many years.